

Abstract

The present invention discloses a wrist- or forearm-mounted device for dispensing a small amount of alcohol-based disinfectant hand rub, moisturizer, or other hand medicament. Even powder-based hand treatments can be dispensed using the present invention. A wristband or other attachment means affix the device to arm or wrist. Various locations are feasible including the top, side, or underside of the wrist or forearm. One embodiment provides for a finger-mounted geometry. In a preferred embodiment, the device is in the form of a low profile, wrist-mounted dispenser with a nozzle that produces a small amount of dispensed skin treatment when actuated. In an advanced embodiment, the dispenser is of a pressure multiplying design that shoots a single "dose" of liquid under pressure when mildly actuated by the fingers of the hand. Surreptitious actuation and dispensing of hand treatments is made possible with embodiments of the invention that are mounted on the underside of the wrist and can be easily actuated in a causal, not easily detected manner. Other embodiments include pump-based dispensers with fluid reservoirs and hand treatment-filled dispensing packets.